Index.

SUBJECTS

Α	Areolar Tissue Graft. Tympanoplasty. Goodman, W. S
Ablation of Salivary Glands as Initial Step in the Management of Selected Forms of Diabetes Mellitus. Pre- liminary Report. Godlowski, Z., Gaz- da, M., and Withers, B. T	Asai Function. Cinefluoroscopic Evaluation of. Miglets, A. W., Jr., Aleo, E., and Goldstein, M. I
Acinic Cell Carcinoma of the Paranasal Sinuses. Manace, E. D., and Gold- man, J. L	Audiologic Findings in Acoustic Neuroma. Leonard, J. R., and Young, I. M
A Comparison of Nomarski Differen- tial Interference Contrast and Phase Contrast Microscopy of the Guinea	Audiometry; Békésy, Threshold Recruitment and Rhythm Factors, Reger, S. N
Pig Organ of Corti. Kuhn, F. A., Thalmann, R., and Marovitz, W. F 1090	Auditory and Vestibular Systems. Metabolic Features of. Thalmann, R 1245
Acoustic Neuroma: Progressive Audiometric Changes in Early Diagnosis. Maddox, H. E	Autograft and Homograft Incus Transpositions in Chronic Otitis Media. English, G. M., Hildyard, V. H., Hemenway, W. G., and Davidson, S. 1434
Acoustic Neurinomas, Microsurgical Treatment of (Results and Compli-	
cations). Clemis, J	В
Acute Epiglottitis in Adults. Morgenstein, K. M., and Abramson, A. L 1066	Basal and Squamous Cancers, Treat- ment of, of the Nose and Ear with 5-Fluorouracil Cream, Litwin, M. S.,
Acute Supprative Otitis Media. A Method for Terminating Recurrent Episodes. Wilson, W. H	Basal Cell Carcinoma of the External
Airway Obstruction Due to a Large Laryngeal Granular Cell Myoblas-	Ear in an 18-Year-Old Male, Mann, W. H
toma. Miglets, A. W., Gebhart, D. E., and Gregg, L. O 971	cruitment and Rhythm Factors. Reg- er, S. N
Albers-Schönberg's Disease (Osteopetrosis). A Case with Osteomyelitis of the Maxilla. Sofferman, R. A., Smith, R. O., and English, G. M 36	Bilateral Branchial Cartilages. Princer, M. H., Plotkin, R. P., and Brown- stein, H. S
An Aid to the Treatment of Supratip Swelling After Rhinoplasty. Rees, T. D	Blepharoplasty. Esthetic. Farrior, R. T 848
Anatomical Demonstration of the Ves-	C
tibulo-Ocular Projections in the Cat. Gacek, R. R	Caldwell, Luc, and Their Operation. Macbeth, R1652
Anesthesia, Ketamine, in Minor Otologic Procedures. Roper, A. L., and Kramer, R. J	Caloric Nystagmus. Nystagmus Arousal During the Latent Period of. Rubin, W., and Vandemoer, N 524
An Evaluation of Silastic® Tracheostomy Tubes. Spooner, T. R	Caloric Test, Cold, in Altered States of Consciousness. Jadhav, W. R., Sinha,
A New Material for Nasal Splints. Kean, H	A., Tandon, P. N., Kacker, S. K., and Banerji, A. K
A New Operating Laryngoscope. Tucker, J. A	Caloric Stimulation, Simultaneous Bi- lateral Bithermal, in Electronystag- mography. Brookler, K. H
Aphthae, Periadenitis. A Clinical and Pathological Evaluation. Bikhazi, H. B., and O'Brien, M. T 430	Canalplasty, Cartilage. Smyth, G. D. L., and Dowe, A. C

Cancer of the Larynx. Comparative Application of Revised (1971 "T") Classification, Pathological Findings, and Five-Year End Results in Surgically Treated. Tucker, G. F., Jr., Alonso, W. A., and Speiden, L. M 1512	Ciliary Structure, Ciliogenesis, Microvilli. (Electron Microscopy of the Mucosa of the Upper Respiratory Tract.) Friedmann, I., and Bird, E. S
Cancer of the Larynx in Japan. Iwa- moto, H	Cinefluoroscopic Evaluation of Asai Function. Miglets, A. W., Jr., Aleo, E., and Goldstein, M. I
Cancer of the Maxillary Sinus. An Analysis of 108 Cases. Tabb, H. G., and Barranco, S. J 818	Clinical Significance of Fixed Vocal Cord. Kirchner, J. A., and Som, M. L
Capillaries, the Function of the Spiral. Lawrence, M	Clival Chordoma. Transoral Transpal- atal Approach for Resection of. Alonso, W. A., Black, P., Connor, G. H., and Uematsu, S
Carcinoma of the Hypopharynx — A Study of Distant Metastases Treat- ment, Failures, and Multiple Pri- mary Cancers in 215 Male Patients.	Clues to the Life History of Carcinoma in Situ of the Larynx. Miller, A. H., and Fisher, H. R
Stefani, S., and Eells, R. W	of the Hair Cells in the Honrubia, V., Strelioff, D., and Ward, P. H 1719
Potdar, G. G., and Desai, P. B 427 Carcinoma of the Tonsil: A Planned	Cochlear Potentials at 11 Atmospheres. Miller, H. E
Combined Therapy Approach. Rolander, T. L., Everts, E. C., and Shumrick, D. A	Cold Caloric Test in Altered States of Consciousness. Jadhav. W. R., Sinha, A., Tandon, P. N., Kacker, S. K., and Banerji, A. K
Cartilage Canalplasty. Smyth, G. D. L., and Dowe, A. C	Comparative Application of Revised (1971 "T") Classification, Patholog- ical Findings, and Five-Year End Results in Surgically Treated Cancer of the Larynx. Tucker, G. F., Jr., Alonso, W. A., and Speiden, L. M 1512
Mouse Otocysts. Ruben, R. J., Van De Water, T., and Polesky, A 1708	Conduction Studies of the Canine Recurrent Laryngeal Nerve. Shin, T., and Rabuzzi, D
Cellular Reactions in Acute Otitis Media — Scanning and Transmission Electron Microscopy. Lim, D. J., and Klainer, A	Congenital Anomalies of the Middle Ear: Presentation of Two Cases, Pou, J. W
Cerebellopontine Angle. The Subtemporal Transtentorial Approach to the. Rosomoff, H. L	Congenital Atresia of the Larynx with Endolaryngeal Surgical Correction. A Case Report. Cohen, S. R 1607
Cervical Osteophytes Presenting with Pharyngeal Symptoms. Maran. A., and Jacobson, I 412	Congenital Mixed Deafness: Cerebro- spinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea. Far- rior, J. B., and Endicott, J. N 684
Cervical Sympathetic Chain Block in Sudden Deafness. Singleton, G. T 734	Cricoid Arch Transplantation — Long Term Follow-Up. Alongo, W. A.,
Changes in Arterial Oxygen Tension and Pulmonary Mechanics with the	Bridger, G. P., Youngblood, J., Dela- hunty, J. E., and Bordley, J. E 1968
Use of Posterior Packing in Epi- staxis: A Preliminary Report. Cas- sisi, N. J., Biller, H. F., and Ogura, J. H	Cricopharyngeal Myotomy in Dysphagia. Stevens, K. M., and Newell, R. C
Chondrosarcoma of the Larynx Invading the Thyroid Gland. Ross, D. E 379	Cryosurgery: A Comparison of the Clinical and Histological Response
Chronic Punctate Parotitis. Hemen-	to Epinephrine. Passy, V., D'Ablaing, G., Turnbull, F. M., Jr., and Von

Cryosurgery: The Effect of Endolaryngeal Structur M. Cryotherapy for Severe Poal Epistaxis. Clinical mental Study. Hicks, J. Current Concepts in the Tractures of the Orbit. D. R., Omohundro, J. Mris, P. F. Cyst, The Mastoid. Repor Nomura, Y., Takemoto, matsuzaki, A. Cysts, Dermoid, of the No. E. M., Campbell, J. M., R. M.	res. Strome,	Dural Replacement with Split Thickness Skin, Long Term Experimental and Clinical Results. Miglets, A. W., and Saunders, W. H	16
75		Ear, External, Basal Cell Carcinoma	
D Deafness: Congenital Mix	xed Cerebro-	of the, in an 18-Year-Old Male. Mann,	66
spinal Fluid Otorrhea. the Aqueduct of the Crior, J. B., and Endicot	Ablation of Cochlea. Far-	Ear, Frostbite of the. Sessions, D. G., Stallings, J. O., Mills, W. J., Jr., and Beal, D. D	23
Deafness in Experimental Hyperthyroidism, Kohon hiainen, T., Liewendah	nen, A., Jau- l, K., Tark-	Ear: Middle, Congenital Anomalies of the. Presentation of Two Cases. Pou, J. W	31
kanen, J., and Kaimio, Deafness, Sudden, and Ro		Ear, Middle, Mesenchyme in the Guggenheim, P	e E
Rupture. (President's Goodhill, V	Address.)	Ear, Nose and Throat Infections. In-	00
Deafness, Sudden, Cervi	ical Sympa-	tracranial Complications of. Whitaker, C. W	75
thetic Chain Block in. S	734	Ear." Prevention of "Swimming Pool. Jones, E. H	31
of the Vestibular Syste Johnsson, L.G	em in Man.	Ear. Ultrasonic Irradiation of the Inner. Seda, H. J., Suga, F., and Snow, J. B., Jr.	
Delayed Contralateral Cer tases with Laryngeal a pharyngeal Cancers. B Davis, W. H., and Ogur	nd Laryngo- iller, H. F.,	Effect of Ultrasonic Hypophysectomy on Diabetic Retinopathy. Giancarlo, H. R., and Mattucci, K. F 4	
Delayed Healing: The R Zinc Therapy. Pullen, Pories, W. J., and Stra	ationale for F. W., II,	Effects of Pterygoid Hamulotomy Upon Eustachian Tube Function. Odoi, H., Proud, G. O., and Toledo, P. S 12-	42
Delayed Massive Hemorri ing Tracheostomy. Mat	hage Follow-	Electro-Cochleography in Children. Portmann, M., and Aran, J. M 89	99
Kenan, P. D., and Huds	on, W. R 107	Encephalocele of the Middle Ear. Levy, R. A., Platt, N., and Aftalion, B 13	26
E. M., Campbell, J. M., R. M.	and Meyers,	Endolaryngeal Surgical Correction. Congenital Atresia of the Larynx	
Distant Metastases from C the Larynx. Abramson,	A. L., Paris-	with. A Case Report. Cohen, S. R 160 Epiglottis in the Adult. Robbins, J. P.,	
ier, S. C., Zamansky, M. ka, M		and Fitz-Hugh, G. S	00
Diuretics, the Effect of, Potentials and Inner	Ear Fluids.	stein, K. M., and Abramson, A. L100	66
Silverstein, H., and Yu Dizziness Related to Hy The Role of Adrenal S Nutrition. Currier, W. I	ypoglycemia: Steroids and	Epinephrine. A Comparison of the Clinical and Histological Response to Cryosurgery. Passy, V., D'Ablaing, G., Turnbull, F. M., Jr., and Von Leden, H	17

Epistaxis, Changes in Arterial Oxygen Tension and Pulmonary Mechanics with the Use of Posterior Packing in. A Preliminary Report. Cas- sisi, N. J., Biller, H. F., and Ogura, J. H	Familial Low Frequency Hearing Loss. Konigsmark, B. W., Mengel, M., and Berlin, C. I
	Frostbite of the Ear. Sessions, D. G., Stallings, J. O., Mills, W. J., Jr., and Beal, D. D
Epithelial Papillomas — Benign or Malignant? Interesting Findings in Laryngeal Papilloma. Toso, G 1524	G
Esophagitis, the Relationship of Reflux, to Pharyngeal Pouch (Zenker's Diverticulum) Formation. Delahunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H 570	Gelfilm-Induced Neotympanic Membrane in Tympanoplasty. Harris, I., Barton, S., Gussen, R., and Goodhill. V
Esophagus, Cervical, Relief of Stricture in the, by Z-Plasty Technique. Gross,	General Anesthesia for Rhinoplasty. Herceg, S. J., and Harding, R. L 140 Gland, the Submaxillary, as a Site of
C. W., and Harris, A. S	Distant Metastasis. Abramson, A. L. 793 Glomus Jugulare Tumor — A Radiographic-Histologic Correlation. Myers, E. N., Newman, J., Kaseff, L., and Black, F. O
Esthetic Blepharoplasty. Farrior, R. T	Glomus Tumor (Nonchromaffin-Paraganglioma) of the Larynx. Ishida, Hasegawa, S., Sato, T., and Tateishi, R.
Eustachian Tube. Surface Tension Low- ering Substance of the. Brookler, K. H., and Birken, E. A	H Head Trauma. Middle Ear Effects of. Chalat, N. I
Extramammary Paget's Disease of the Tongue. Changus, G. W., Yonan, T. N., and Bartolome, J. S	Healing of Stapedial Fractures in Humans. Waltner, J. G., Weissman, B., and Kovar, M
Face Lift Operation and the Otolaryn- gologist. The. Anderson, J. R 866	Hearing Loss. Familial Low Frequency. Konigsmark, B. W., Mengel, M., and Berlin, C. I
Facial Muscles, Reinnervation of the, Following Extratemporal Facial Nerve Resection, McCoy, E. G., and	Hearing Loss in Elementary School Children in Lebanon. Mikaelian, D. O. and Barsoumian, V. M
Boyle, W. F	Hematoporphyrin Fluorescence: An Aid in Diagnosis of Malignant Neo- plasms. Leonard, J. R., and Beck, W. L
Facial Nerve Paralysis. Management of Traumatic. Graves, T. A., and Tabb, H. G 645	Hereditary Dysphagia: The Oculo- pharyngeal Syndrome. Ford, L. H., and Holinger, P. H
Facial Nerve Problems, Unusual. Some Thoughts on Identifying the Nerve Within the Temporal Bone. Glass- cock, M. E., III	High Frequency Studies in School Children in Nine Countries. Rosen, S., and Rosen, H. V
Facial Nerves. The Repair of Combat- Injured. Krekorian, E. A	Histiocytosis X. Otolaryngologic Manifestations of. Smoler, J., Rivera-Camacho, R., Vivar-Mejia, G., and Levy-Pinto, S
Tumor. Smith, C. K., Portelli, F. R., Hermann, L. K., and Walike, J. W 1542 Facial Paralysis. Salivary Flow: A Prognostic Test for. May, M., and Harvey, J. E 179	Humoral Recognition Factor Activity and Neoplasia: Clinical and Experi- mental Considerations. Di Luzio, N. R., Pisano, J. C., and Salky, N. K 737

Hypo- and Hyperthyroidism. Deafness	K
in Experimental. Kohonen, A., Jau- hiainen, T., Liewendahl, K., Tark- kanen, J., and Kaimlo, M 947	Ketamine Anesthesia in Minor Oto- logic Procedures. Roper, A. L., and Kramer, R. J
Hypoglycemia: Dizziness Related to the Role of Adrenal Steroids and Nutrition. Currier, W. D 18	Ketamine Hydrochloride as a Pre-An- esthetic Agent in Children. Lyons, G. D., and Cranfield, C. C 813
Hypopharyngotomy. Shilling, B. B1119	di bij mid Oramiciaj di di jirriri gio
Hypopharynx, Carcinoma of the — A Study of Distant Metastases Treat- ment, Failures, and Multiple Pri- mary Cancers in 215 Male Patients. Stefani, S., and Eells, R. W	Lacrimal Gland. Lymphosarcoma of. Tiwari, R. M
Hypophysectomy, Effect of Ultrasonic, on Diabetic Retinopathy. Giancarlo, H. R., and Mattucci, K. F 452	moto, H
I	Nelis, F. L., and Esparza, A. R 924 Larynx, Chondrosarcoma of the, Invad- ing the Thyroid Gland, Ross, D. E 379
Improving a Poorly Designed Instrument. Thal, B	Larynx. Clues to the Life History of Carcinoma in Situ of the. Miller, A. H., and Fisher, H. R
Indications for Surgical Decompression of the Facial Nerve. Alford, B. R., Sessions, R. B., and Weber, S. C 620	Larynx. Distant Metastases from Carcinoma of the. Abramson, A. L., Parisier, S. C., Zamansky, M. J., and Sul-
Infants, Tracheotomy in Premature. Pickard, R. E., and Oropeza, G 418	ka. M
Infection of the Maxillary Sinus: The Case for the Middle Meatal An- trostomy. Lavelle, R. J., and Harri-	fin-Paraganglioma) of the Ishida. M., Hasegawa, S., Sato, T., and Tateishi, R
son, M. S 90	Larynx, Lymphoma of the. Dickson, R. 578
Instrument: Improving a Poorly Designed. Thal, B1946	Larynx, Microsurgery of the. Instru- mentation Techniques. Tonkin, J. P. 750
Intracranial Complications of Ear, Nose and Throat Infections. Whit- aker, C. W	Larynx. Selection of the Patient for Conservation Surgery of the. Leon- ard, J. R., and Litton, W. B 232
Internuclear Ophthalmoplegia and the Convergence System. Stroud, M. H., Gay, A., and Newman, N	Larynx. Surgical Microscopy of the (Microsurgery of the Larynx, Microlaryngology, Microlaryngoscopy.) (Endolaryngeal Microsurgery.) Thomson, J. R., Greer, C. H., and
Gussen, R1979	Cole, W
Intrathoracic Complications Following Tracheotomy in Children. Rabuzzi, D. D., and Reed, G. F 939	Larynx. Thyroid Tissue Within the. Case Report. Richardson, G. M., and Assor, D
Intubation. The Surgical Management of the Laryngeal Complications of	Larynx. Verrucous Cancer of the. Biller, H. F., Ogura, J. H., and Bauer, W. C
Prolonged. Harrison, G. A., and Tonkin, J. P	Laryngeal and Laryngopharyngeal Cancers. Delayed Contralateral Cervical Metastases with. Biller, H. F., Davis, W. H., and Ogura, J. H 1499
Paranasal Sinuses: Report of 30 Cases. Trible, W. M., and Lekagul, S. 663	Laryngeal Carcinoma. Pre-Operative Irradiation in the Treatment of Advanced. Bryce, D. P., and Rider,
J	W. D1487
Jugular Foramen. Neurilemmoma of the. Arenberg, I. K., and McCreary, H. S	Laryngeal Nerve. Conduction Studies of the Canine Recurrent. Shin, T., and Rabuzzi, D

Laryngeal Reinnervation by Phrenic Nerve Implantation in Dogs. Tag- gart, J. P	Mechanics of Voice Production. II. Regulation of Pitch. Koyama, T., Harvey, J. E., and Ogura, J. H 47
Laryngeal Responses to Electrical Stimulation of the Medullary Re- spiratory Centers in the Dog. Kuro-	Ménière's Disease: New Temporal Bone Findings in Two Cases, Gussen, R 1695
zumi, S., and Tashiro, T., and Harada, Y	Mesenchyme in the Middle Ear. Guggenheim, P
Laryngectomee: Rehabilitation of the, the Role of the Distal Esophageal Sphincter. Wolfe, R. D., Olson, J. E.,	Metabolic Features of Auditory and Vestibular Systems. Thalmann, R 1245
and Goldenberg, D. B1971	Microsurgery of the Larynx. Instru- mentation Techniques. Tonkin, J. P. 750
Laryngectomy, Partial, and Laryngo- plasty. Bailey, B. J	Microsurgical Treatment of Acoustic Neurinomas (Results and Complica-
Laryngoscope, a New Operating. Tucker, J. A	tions). Clemis, J
Light and Electron Microscopy of the Epithelium of the Human True Vo-	Chalat, N. I
cal Cord. Holliday, J. A., Jr1596 Long Term Thoracic Duct-Esophageal	Middle Ear, Encephalocele of the Levy, R. A., Platt, N., and Aftalion, B 126
Shunt: A New Technique. Harvey, J., Tucker, H. M., Sessions, R., and Ogura, J. H	Modification of the Vestibular Function with Betahistine HCl. Bertrand, R. A
Lymphoma of the Larynx, Dickson, R. 578	Modified Radical and Radical Mastoid-
Lymphosarcoma of Lacrimal Gland. Tiwari, R. M	ectomy: Long-Term Results. Cottrell, R. E., and Pulec, J. L 193
M	Mucosal Changes and Cancer in Intra- Oral Smoking. Morrow, R. C., and Suarez, G
Malleus Syndrome. The Histopathology of. The Congenital Fixed. Ritter, F	(Multiple Lentigines) the Leopard Syndrome Revisited, Gorlin, R. J.,
Management of Traumatic Facial Nerve Paralysis. Graves, T. A., and Tabb, H. G	Anderson, R. C., and Moller, J. H 1674 Mycosis Fungoides. Otolaryngologic Aspects of, A Case Report, Strahan,
Mastoid Cyst, The. Report of a Case. Nomura, Y., Takemoto, K., and Ko-	R. W., and Calcaterra, T. C
matsuzaki, A	to a Large Laryngeal Granular Cell. Miglets, A. W., and Gebhart, D. E.,
Radical Long-Term Results. Cottrell, R. E., and Pulec, J. L	and Gregg, L. O 971
Mastoiditis, Pseudomonas. Morgen- stein, K. M., and Seung, H. I 200	N Nagal Enlature Court
Maxillary Sinus, Cancer of the, An Analysis of 108 Cases, Tabb. H. G., and	Nasal Epistaxis. Cryotherapy for Severe Posterior. Clinical and Experimental Study, Hicks, J. N
Barranco, S. J	Nasal Septum: Experimental and Clinical Correlation of Surgery or Injury. Wexler, M. R
trostomy. Lavelle, R. J., and Harrison, M. S	Nasal Splints. A New Material for. Kean, H
Maxillectomy. Silastic Implant in. Komet, H	Neck Infections. The Surgical Treat-
Maximal Stimulation Test, the Prog- nostic Accuracy of the Compared	ment of Deep. Levitt, G. W 403 Neoplasia: Humoral Recognition Fac-
with That of the Nerve Excitability Test in Bell's Palsy. May, M., Harvey, J. E., Marovitz, W. F., and Stroud, M	tor Activity and Clinical and Experimental Considerations. Di Luzio, N. R., Pisano, J. C., and Salky, N.
20.00	505

Neoplasms, Malignant, Hematoporphyr- in Fluorescence: An Aid in Diagno- sis of. Leonard, J. R., and Beck, W. L	Otitis Media. Autograft and Homograft Incus Transpositions in Chronic. English, G. M., Hildyard, V. H., Hemenway, W. G., and Davidson, S. 1434
Neurilemmoma of the Juguiar Fora- men. Arenberg, I. K., and McCreary, H. S	Otitis Media, Cellular Reactions in Acute, Scanning and Transmission Electron Microscopy. Lim, D. J., and Klainer, A
Neurinoma. Intramodiolar Acoustic. Gussen, R	Otolaryngologic Aspects of Mycosis Fungoides, A Case Report. Strahan,
Neuroma. Acoustic, Audiologic Find- ings in. Leonard, J. R., and Young, I. M	R. W., and Calcaterra, T. C1912 Otolaryngologic Manifestations of Histography Symplem J. Pivers
Neuronitis, Vestibular. Morgenstein, K. M., and Seung, H. I 131	tiocytosis X. Smoler, J., Rivera- Camacho, R., Vivar-Mejia, G., and Levy-Pinto, S
Nodules and Polyps, Vocal Cord — The Role of Surgical Treatment. Strong, M. S., and Vaughan, C. W. 911	Otolaryngology. Plastic Surgery. Research in. Ogura, J. H
Nomarski Differential Interference Contrast of the Normal and Patho-	Otology, Technique of Polytomography in. Hicks, J. N
logic Guinea Pig Organ of Corti. Kuhn, F. A., Thalmann, R., and Mar- ovitz, W. F	Otorrhea, Spontaneous Cerebrospinal Fluid, Simulating Serous Otitis Me- dia. Kramer, S. A., Yanagisawa, E.,
Nose, Dermoid Cysts of the. Skolnik, E. M., Campbell, J. M., and Meyers, R. M	and Smith, H. W1083
Nystagmus Arousal During the Latent Period of Caloric Nystagmus. Rubin, W., and Vandemoer, N 524	Papilloma, Inverting, of the Nose and Paranasal Sinuses: Report of 30 Cases. Trible, W. M., and Lekagul, S. 663
0	Papillomas, Epithelial — Benign or Malignant? Interesting Findings in Laryngeal Papilloma. Toso, G 1524
Ophthalmoplegia, Internuclear, and the Convergence System. Stroud, M. H., Gay, A., and Newman, N	Paranasal Sinuses. Acinic Cell Carcinoma of the. Manace, E. D.,, and Goldman, J. L
Orbit, Fractures of the, Current Concepts in the Treatment of. Hightower,	Parathyroid Identification with Tolui- dine Blue. Tardy, M. E., Jr., and Tenta, L. T
D. R., Omohundro, J. M., and Harris, P. F	Parotitis, Chronic Punctate. Hemenway, W. G
Organ of Corti. Nomarski Differential Interference Contrast of the Normal and Pathologic Guinea Pig. Kuhn,	Partial Laryngectomy and Laryngo- plasty. Bailey, B. J
F. A., Thalmann, R., and Marovitz, W. F	Periadenitis Aphthae. A Clinical and Pathological Evaluation. Bikhazi, H. B., and O'Brien, M. T 430
Ossicles and Tympanic Bulla, Scanning Electron Microscopy of Rat. Maro- vitz, W. F., and Brownson, R. J 346	Phrenic Nerve Implantation in Dogs. Laryngeal Reinnervation by. Taggart, J. P
(Osteopetrosis.) Albers-Schonberg's Disease. A Case with Osteomyelitis of the Maxilla. Sofferman, R. A.,	Plastic Surgery Research in Otolaryn- gology. Ogura, J. H
Smith, R. O., and English, G. M 36	Polychondritis: Relapsing Audiovesti- bular Manifestations. Cody, D. T. R.,
Osteophytes, Cervical, Presenting with Pharyngeal Symptoms. Maran, A., and Jacobson, I 412	and Sones, D. A
Otitis Media. Acute Suppurative. A Method for Terminating Recurrent Episodes. Wilson, W. H	Dysfunction of Carbohydrate Metabolism as an Element in the Set of Factors Resulting in the. (The Polysaccharide Nose.) Smith, M. P 636

Pre-Anesthetic Agent in Children. Ket-	S
amine Hydrochloride as a. Lyons, G. D., and Cranfield, C. C 813	Salivary Flow: a Prognostic Test for Facial Paralysis. May, M., and
Pre-Operative Irradiation in the Treat-	Harvey, J. E 179
ment of Advanced Laryngeal Carci- noma. Bryce, D. P., and Rider, W. D. 1481	Salivary Gland Tumors in Ectopic Sites. Ross, D. E., and Sukis, A. E. 558
Prevention of "Swimming Pool Ear." Jones, E. H	Salivary Glands, Ablation of, as initial Step in the Management of Selected
Primary and Metastatic Tumors of the Temporal Bone. Adams, G. L., Papar- ella, M. M., and El Fiky, F. M 1273	Forms of Diabetes Mellitus. Pre- liminary Report. Godlowski, Z., Gaz- da, M., and Withers, B. T
Primary Carcinoma of the Frontal Sinus. Brownson, R. J., and Ogura, J. H	Scanning Electron Microscopy of Rat Ossicles and Tympanic Bulla. Maro- vitz, W. F., and Brownson, R. J 346
Progressive Audiometric Changes in	Selection of the Patient for Conserva-
Acoustic Neuroma: Early Diagnosis. Maddox, H. E	tion Surgery of the Larynx. Leonard, J. R., and Litton, W. B 232
Pseudomonas Mastoiditis. Morgen- stein, K. M., and Seung, H. I 200	Silastic Implant in Maxillectomy. Komet, H
R	Silastic® Tracheostomy Tubes. An Evaluation of, Spooner, T. R
Radiosensitivity — What is it? Rider, W. D	Simultaneous Bilateral Bithermal Caloric Stimulation in Electronystagmography. Brookler, K. H
Rare Tumors of the Ear, Nose and Throat: Second Series: Uncommon Benign Tumors of the Head and Neck. Day, L. H., and Arnold, G. E. 1138	Sinuses, Surgical Anatomy of Maxillary and Ethmoidal — A Reappraisal. Harrison, D. F. N
Rehabilitation of the Laryngectomee: the Role of the Distal Esophageal Sphincter, Wolfe, R. D., Olson, J. E.,	Sinus, Frontal, Primary Carcinoma of The. Brownson, R. J., and Ogura, J. H
and Goldenberg, D. B	Sinus Mechanism. Symptomatic Hyperirritable Carotid. Arenberg, I. K., Cummins, G. M., Jr., Bucy, P. C., and Oberhill, H. R
Nerve Resection. McCoy, E. G., and Boyle, W. F	Skin Loss. The Use of Collagen Grafts for Replacement of Major. Abben-
Relapsing Polychondritis: Audiovesti- bular Manifestations, Cody, D. T. R.,	haus, J. I., and Donald, P1650
and Sones, D. A	Smoking. Mucosal Changes and Cancer in Intra-Oral. Morrow, R. C., and Suarez, G
Esophagus by Z-Plasty Technique.	Spontaneous Cerebrospinal Fluid Otor-
Gross, C. W., and Harris, A. S 658 Respiratory Tract.) Upper, (Electron, Microscopy of the Mucosa of the Cili- ary Structure, Ciliogenesis, Micro-	rhea Simulating Serous Otitis Media. Kramer, S. A., Yanagisawa, E., and Smith, H. W
villi. Friedmann, I., and Bird, E. S. 1852	Stapedial Fractures, Healing of, in Hu-
Results of Tympanoplasty and Mastoid-	mans. Waltner, J. G., Weissman, B., and Kovar, M
ectomy at the Massachusetts Eye and Ear Infirmary. Lee, K., and Schuknecht, H. F 529	Stimulation and Section of the Vidian Nerve in Relation to Autonomic Con- trol of the Nasal Vasculature. Jack-
Rheoencephalography in the Evalua- tion of the Vertiginous Patient.	son, R. T., and Rooker, D. W 565 Subglottic Pressure and Induced Live
Compere, W. E., Jr	Voices of Dogs with Normal, Reinnervated, and Paralyzed Larynges. I. On Voice Function of the Dog with Normal Larynx. Ueda, N., Ohyama, M., Harvey, J. E., Mogi, G., and
Horceg S I and Harding R I. 140	Ogura J H

INDEX.

. 962

e i. i. b i. d

Sudden Deafness and Round Window Rupture. (President's Address.) Goodhill, V	The Histopathology of the Congenital Fixed Malleus Syndrome. Ritter, F
Surface Tension Lowering Substance of the Eustachian Tube. Brookler, K. H., and Birken, E. A1671	The Leopard (Multiple Lentigines) Syndrome Revisited. Gorlin, R. J., Anderson, R. C., and Moller, J. H 1674
Surgical Anatomy of Maxillary and Ethmoidal Sinuses — A Reapprais- al. Harrison, D. F. N	The Mastoid Cyst. Report of a Case. Nomura, Y., Takemoto, K., and Ko- matsuzaki, A
Surgical Microscopy of the Larynx, (Microsurgery of the Larynx, Micro- laryngology, Microlaryngoscopy.)	The Mechanism of Excitation of the Hair Cells in the Cochlea. Honrubia, V., Strelioff, D., and Ward, P. H 1719
(Endolaryngeal Microsurgery.) Thomson, J. R., Greer, C. H., and Cole, W	The Otological Aspects of Whiplash Injuries. Pang, L. Q
Symptomatic Hyperirritable Carotid Sinus Mechanism. Arenberg, I. K., Cummins, G. M., Jr., Bucy, P. C., and Oberhill, H. R	The Pathology of Experimental Injury to the Cat Esophagus by Liquid Chlorine Bleach. Weeks, R. S., and Ravitch, M. M
т	The Problem of the Cavity in Tympan- oplastic Surgery. Portmann, M1233
Technique of Polytomography in Otology, Hicks, J. N	The Prognostic Accuracy of the Maximal Stimulation Test Compared with That of the Nerve Excitability Test in Bell's Palsy. May, M., Har-
Cases. Ménière's Disease. Gussen, R. 1695 Temporal Bone. Primary and Metas-	vey, J. E., Marovitz, W. F., and Stroud, M
tatic Tumors of the Adams, G. L., Paparella, M. M., and El Fiky, F. M	The Relationship of Reflux Esophagitis to Pharyngeal Pouch (Zenker's Diverticulum) Formation. Dela-
Thoracic Duct-Esophageal Shunt: Long Term. A New Technique. Harvey,	hunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H 570
J., Tucker, H. M., Sessions, R., and Ogura, J. H	The Repair of Combat-Injured Facial Nerves. Krekorian, E. A
Thyroiditis. A Classification and Review. Strahan, R. W., Calcaterra, T. C., and Ward, P. H	The Submaxillary Gland as a Site of Distant Metastasis. Abramson, A. L. 793
Thyroid, Lingual, Carcinoma of the. Potdar, G. G., and Desai, P. B 427	The Subtemporal Transtentorial Approach to the Cerebellopontine Angle. Rosomoff, H. L
Thyroid Tissue Within the Larynx. Case Report. Richardson, G. M., and Assor, D	The Surgical Management of the Lar- yngeal Complications of Prolonged Intubation. Harrison, G. A., and Tonkin, J. P
The Distribution of Phosphatases, Mucopolysaccharides and Calcium in the Otic Capsule and Ossicular Chain	The Surgical Treatment of Deep Neck Infections. Levitt, G. W 403
of Fetal and Neonatal Rats. Marovitz, W. F., and Porubsky, E. S 273	The Use of Collagen Grafts for Replacement of Major Skin Loss. Abben-
The Effect of Diuretics on Cochlear Potentials and Inner Ear Fluids. Silverstein, H., and Yules, R. B 873	haus, J. I., and Donald, P1650 Toluidine Blue. Parathyroid Identifi-
The Face Lift Operation and the Oto- laryngologist. Anderson, J. R 866	cation with. Tardy, M. E., Jr., and Tenta, L. T1455
The Fate of Exogenous Materials Placed in the Middle Ear and Fron-	Tongue. Extramammary Paget's Disease of the Changus, G. W., Yonan, T. N., and Bartolome, J. S 1621
tal Sinus of Cats. Dickson, R., and Hohmann, A	Tonsil: Carcinoma of the. A Planned Combined Therapy Approach. Ro- lander, T. L., Everts, E. C., and Shumrick, D. A

Tracheostomy, Delayed Massive Hem- orrhage Following, Mathog, R. H., Kenan, P. D., and Hudson, W. R 107	v
Tracheotomy in Children. Intrathoracic Complications Following. Rabuzzi,	Verrucous Cancer of the Larynx, Biller, H. F., Ogura, J. H., and Bauer, W. C
D. D., and Reed, G. F	Vertiginous Patient, Rheoencephalog- raphy in the Evaluation of the. Compere, W. E., Jr
Transoral Transpalatal Approach for Resection of Clival Chordoma. Alonso, W. A., Black, P., Connor, G. H., and Uematsu, S	Vestibular Function, Modification of the, with Betahistine HCl. Bertrand, R. A
Treatment of Basal and Squamous Cancers of the Nose and Ear with 5-Fluorouracil Cream. Litwin, M. S.,	Vestibular Neuronitis, Morgenstein, K. M., and Seung, H. I
Krementz, E. T	Changes and Anomalies of the, in Man. Johnsson, L-G
Caused by. Smith, C. K., Portelli, F. R., Hermann, L. K., and Walike, J. W1542	Vestibulo-Ocular Projections in the Cat. Anatomical Demonstration of the Gacek, R. R
Tumor, Glomus Jugulare — A Radio- graphic-Histologic Correlation. My- ers, E. N., Newman, J., Kaseff, L., and Black, F. O	Vidian Nerve, Stimulation and Section of the, in Relation to Autonomic Con- trol of the Nasal Vasculature. Jack-
Tumors, Primary and Metastatic, of the Temporal Bone. Adams, G. L.,	son, R. T., and Rooker, D. W 565 Vocal Cord, Clinical Significance of
Paparella, M. M., and El Fiky, F. M. 1273 Tumors, Rare, of the Ear, Nose and	Fixed. Kirchner, J. A., and Som, M. L1029
Throat: Second Series: Uncommon Benign Tumors of the Head and Neck. Day, L. H., and Arnold, G. E. 1138	Vocal Cord. Light and Electron Microscopy of the Epithelium of the Human True. Holliday, J. A., Jr 1596
Tumors, Salivary Gland, in Ectopic Sites. Ross, D. E., and Sukis, A. E. 558	Vocal Cord Nodules and Polyps - The
Tympanoplastic Surgery. The Problem of the Cavity in. Portmann, M 1233	Role of Surgical Treatment. Strong, M. S., and Vaughan, C. W 911
Tympanoplasty and Mastoidectomy, Results of, at the Massachusetts Eye and Ear Infirmary. Lee, K., and Schuknecht, H. F	Vocal Cord Remobilization in the Canine Larynx: An Histologic Evaluation. Tucker, H. M., and Ogura, J. H
Tympanoplasty: Areolar Tissue Graft. Goodman, W. S	Voice Production, Mechanics of. II. Regulation of Pitch. Koyama, T.,
Tympanoplasty, Gelfilm-Induced Neo- tympanic Membrane in, Harris, I.,	Harvey, J. E., and Ogura, J. H 47
Barton, S., Gussen, R., and Goodhill, V	W
U	Whiplash Injuries. The Otological Aspects of. Pang, L. Q
Ultrasonic Irradiation of the Inner Ear. Seda, H. J., Suga, F., and Snow, J. B., Jr 510	Z
Unusual Facial Nerve Problems, Some	
Thoughts on Identifying the Nerve Within the Temporal Bone. Glasscock, M. E., III	Zinc Therapy. Delayed Healing: The Rationale for. Pullen, F. W., II., Pories, W. J., and Strain, W. H 1638

AUTHORS

Abbenhaus, J. I., and Donald, P. — The Use of Collagen Grafts for Replacement of Major Skin Loss,1650 Abramson, A. L., and Morgenstein, K.	Arenberg, I. K., and McCreary, H. S. — Neurilemmoma of the Jugular Foramen
M. — Acute Epiglottitis in Adults1066 Abramson, A. L., Parisier, S. C., Zamansky, M. J., and Sulka, M. — Distant Metastases from Carcinoma of the Larynx	Sinus Mechanism
Adams, G. L., Paparella, M. M., and El Fiky, F. M. — Primary and Metas- tatic Tumors of the Temporal Bone .1273	Case Report 120
Aftalion, B., Levy, R. A., and Platt, N. — Encephalocele of the Middle Ear. 126	Bailey, B. J. — Partial Laryngectomy and Laryngoplasty
Aleo, E., Miglets, A. W., Jr., and Goldstein, M. I. — Cinefluoroscopic Evaluation of Asai Function	Banerji, A. K., Jadhav, W. R., Sinha, A., Tandon, P. N., and Kacker, S. K. — Cold Caloric Test in Altered States of Consciousness
Alford, B. R., Sessions, R. B., and Weber, S. C. — Indications for Sur- gical Decompression of the Facial Nerve	Barranco, S. J., and Tabb, H. G. — Cancer of the Maxillary Sinus. An Analysis of 108 Cases 818
Alonso, W. A., Tucker, G. F., Jr., and Speiden, L. M. — Comparative Ap- plication of Revised (1971 "T") Clas- sification, Pathological Findings, and Five-Year End Results in Surgi- cally Treated Cancer of the Larynx. 1512	Barsoumian, V. M., and Mikaelian, D. O. — Hearing Loss in Elementary School Children in Lebanon
Alonso, W. A., Bridger, G. P., Young- blood, J., Delahunty, J. E., and Bord- ley, J. E. — Cricoid Arch Transplan- tation — Long Term Follow-Up1968 Alonso, W. A., Delahunty, J. E., Mar-	Barton, S., Harris, I., Gussen, R., and Goodhill, V. — Gelfilm-Induced Neotympanic Membrane in Tympanoplasty
gulies, S. I., and Knudson, D. H.— The Relationship of Reflux Esophagitis to Pharyngeal Pouch (Zenker's Diverticulum) Formation 570	Bauer, W. C., Biller, H. F., and Ogura, J. H. — Verrucous Cancer of the Larynx
Alonso, W. A., Black, P., Connor, G. H., and Uematsu, S. — Transoral Trans- palatal Approach for Resection of Clival Chordoma	J. O., and Mills, W. J., Jr. — Frostbite of the Ear
Anderson, J. R. — The Face Lift Operation and the Otolaryngologist 866	Aid in Diagnosis of Malignant Neo- plasms
Anderson, R. C., Gorlin, R. J., and Moller, J. H. — The Leopard (Mul- tiple Lentigines) Syndrome Re- visited	Berlin, C. I., Konigsmark, B. W., and Mengel, M. — Familial Low Frequen- cy Hearing Loss
Aran, J. M., and Portmann, M. — Electro-Cochleography in Children 899	Vestibular Function with Betahistine HCl

Bikhazi, H. B., and O'Brien, M. T. — Periadenitis Aphthae. A Clinical and Pathological Evaluation	Bryce, D. P., and Rider, W. D. — Pre-Operative Irradiation in the Treatment of Advanced Laryngeal Carcinoma
Biller, H. F., Cassisi, N. J., and Ogura, J. H. — Changes in Arterial Oxygen Tension and Pulmonary Mechanics with the Use of Posterior Packing in Epistaxis: A Preliminary Report 1261	Bucy, P. C., Arenberg, I. K., Cummins, G. M., Jr., and Oberhill, H. R. — Symptomatic Hyperirritable Carotid Sinus Mechanism. 253
Biller, H. F., Davis, W. H., and Ogura, J. H. — Delayed Contralateral Cer- vical Metastases with Laryngeal and Laryngopharyngeal Cancers	Calcaterra, T. C., and Strahan, R. W. — Otolaryngologic Aspects of Mycosis Fungoides. A Case Report 1912 Calcaterra, T. C., Strahan, R. W., and Thyroiditis, A Classical Calcaterra, T. C., Strahan, R. W., and
W. C. — Verrucous Cancer	ward, P. H. — Inflorence 1388 sification and Review
Birken, E. A., and Brookler, K. H. — Surface Tension Lowering Substance of the Eustachian Tube	Cassisi, N. J., Biller, H. F., and Ogura, J. H. — Changes in Arterial Oxygen Tension and Pulmonary Mechanics with the Use of Posterior Packing in Epistaxis: A Preliminary Report 1261
Black, F. O., Myers, E. N., Newman, J., and Kaseff, L. — Glomus Jugu- lare Tumor — A Radiographic-Histo- logic Correlation	Chalat, N. I. — Middle Ear Effects of Head Trauma
Black, P., Alonso, W. A., Connor, G. H., and Uematsu, S. — Transoral Transpalatal Approach for Resection of Clival Chordoma	Paget's Disease of the Tongue 1621 Clemis, J. — Microsurgical Treatment of Acoustic Neurinomas (Results and Complications)
Boyle, W. F., and McCoy, E. G. — Re- innervation of the Facial Muscles Following Extratemporal Facial	Cohen, S. R. — Congenital Atresia of the Larynx with Endolaryngeal Sur- gical Correction. A Case Report 1607
Bridger, G. P., Alonso, W. A., Young- blood, J., Delahunty, J. E., and Bord- ley, J. E. — Cricoid Arch Transplan- tation — Long Term Follow-Up 196 Brookler, K. H. — Simultaneous Bi- leteral Bithermal Caloric Stimula-	Cole, W., Thomson. J. R., and Greer, C. H. — Surgical Microscopy of the Larynx. (Microsurgery of the Lar- ynx, Microlaryngology, Microlaryn- goscopy.) (Endolaryngeal Microsur- gery.)
Brookler, K. H., and Birken, E. A. — Surface Tension Lowering Substance of the Eustachian Tube	tiginous Patient
Brownson, R. J., and Ogura, J. H. — Primary Carcinoma of the Frontal Sinus.	71 Of Clival Chordoma
Brownson, R. J., and Marovitz, W. F. — Scanning Electron Microscopy of Rat Ossicles and Tympanic Bulla	fied Radical and Radical Mastorder tomy: Long-Term Results
Brownstein, H. S., Princer, M. H., and Plotkin, R. P. — Bilateral Branchial Cartilages.	Ketamine Hydrochloride as a 110 813

Cummins, G. M., Jr., Arenberg, I. K.,	E
Bucy, P. C., and Oberhill, H. R. — Symptomatic Hyperirritable Carotid Sinus Mechanism	Eells, R. W., and Stefani, S. — Carcinoma of the Hypopharynx — A Study of Distant Metastases Treatment Failures and Multiple Pri-
Currier, W. D. — Dizziness Related to Hypoglycemia: The Role of Adrenal	ment, Failures, and Multiple Pri- mary Cancers in 215 Male Patients. 1491
Steroids and Nutrition 18	El Fiky, F. M., Adams, G. L., and Paparella, M. M. — Primary and Metastatic Tumors of the Temporal Bone .1273
D	Endicott, J. N., and Farrior, J. B
D'Ablaing, G., Passy, V., Turnbull, F. M., Jr., and Von Leden, H. — Cryo-	Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684
surgery: A Comparison of the Clinical and Histological Response of Epinephrine	English, G. M., Sofferman, R. A., and Smith, R. O. — Albers-Schonberg's Disease (Osteopetrosis). A Case with
Davidson, S., English, G. M., Hildyard, V. H., and Hemenway, W. G. —	Osteomyelitis of the Maxilla 36
Autograft and Homograft Incus Transpositions in Chronic Otitis Media	English, G. M., Hildyard, V. H., Hemenway, W. G., and Davidson, S. — Autograft and Homograft Incus Transpositions in Chronic Otitis Media
Davis, W. H., Biller, H. F., and Ogura, J. H. — Delayed Contralateral Cervical Metastases with Laryngeal and	Esparza, A. R., and McNelis, F. L. — Carcinoma in Situ of the Larynx 924
Day, L. H., and Ar old, G. E. — Rare Tumors of the Ear, Nose and Throat: Second Series: Uncommon Benign Tumors of the Head and	Everts, E. C., Rolander, T. L., and Shumrick, D. A. — Carcinoma of the Tonsil: A Planned Combined Ther- apy Approach
Neck	
Neck	F Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684
Delahunty, J. E., Alonso, W. A., Bridger, G. P., Youngblood, J., and Bordley, J. E. — Cricoid Arch Transplantation — Long Term Follow-Up 1968 Delahunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H. —	Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cere- brospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684 Farrior, R. T. — Esthetic Blepharo-
Delahunty, J. E., Alonso, W. A., Bridger, G. P., Youngblood, J., and Bordley, J. E. — Cricoid Arch Transplantation — Long Term Follow-Up 1968 Delahunty, J. E., Margulies, S. I., Alon-	Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684 Farrior, R. T. — Esthetic Blepharoplasty
Delahunty, J. E., Alonso, W. A., Bridger, G. P., Youngblood, J., and Bordley, J. E. — Cricoid Arch Transplantation — Long Term Follow-Up 1968 Delahunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H. — The Relationship of Reflux Esophagitis to Pharyngeal Pouch (Zenk-	Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684 Farrior, R. T. — Esthetic Blepharoplasty
Delahunty, J. E., Alonso, W. A., Bridger, G. P., Youngblood, J., and Bordley, J. E. — Cricoid Arch Transplantation — Long Term Follow-Up 1968 Delahunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H. — The Relationship of Reflux Esophagitis to Pharyngeal Pouch (Zenker's Diverticulum) Formation 570 Desai, P. B., and Potdar, G. G. — Car-	Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684 Farrior, R. T. — Esthetic Blepharoplasty
Delahunty, J. E., Alonso, W. A., Bridger, G. P., Youngblood, J., and Bordley, J. E. — Cricoid Arch Transplantation — Long Term Follow-Up 1968 Delahunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H. — The Relationship of Reflux Esophagitis to Pharyngeal Pouch (Zenker's Diverticulum) Formation 570 Desai, P. B., and Potdar, G. G. — Carcinoma of the Lingual Thyroid 427 Dickson, R. — Lymphoma of the Larynx	Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684 Farrior, R. T. — Esthetic Blepharoplasty
Delahunty, J. E., Alonso, W. A., Bridger, G. P., Youngblood, J., and Bordley, J. E. — Cricoid Arch Transplantation — Long Term Follow-Up 1968 Delahunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H. — The Relationship of Reflux Esophagitis to Pharyngeal Pouch (Zenker's Diverticulum) Formation 570 Desai, P. B., and Potdar, G. G. — Carcinoma of the Lingual Thyroid 427 Dickson, R. — Lymphoma of the Larynx 578	Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684 Farrior, R. T. — Esthetic Blepharoplasty
Delahunty, J. E., Alonso, W. A., Bridger, G. P., Youngblood, J., and Bordley, J. E. — Cricoid Arch Transplantation — Long Term Follow-Up 1968 Delahunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H. — The Relationship of Reflux Esophagitis to Pharyngeal Pouch (Zenker's Diverticulum) Formation 570 Desai, P. B., and Potdar, G. G. — Carcinoma of the Lingual Thyroid 427 Dickson, R. — Lymphoma of the Larynx 578 Dickson, R., and Hohmann, A. — The Fate of Exogenous Materials Placed in the Middle Ear and Frontal Sinus of Cats 216 Di Luzio, N. R., Pisano, J. C., and Salky, N. K. — Humoral Recognition Factor Activity and Neoplasia: Clin-	Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684 Farrior, R. T. — Esthetic Blepharoplasty
Delahunty, J. E., Alonso, W. A., Bridger, G. P., Youngblood, J., and Bordley, J. E. — Cricoid Arch Transplantation — Long Term Follow-Up 1968 Delahunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H. — The Relationship of Reflux Esophagitis to Pharyngeal Pouch (Zenker's Diverticulum) Formation 570 Desai, P. B., and Potdar, G. G. — Carcinoma of the Lingual Thyroid 427 Dickson, R. — Lymphoma of the Larynx 578 Dickson, R., and Hohmann, A. — The Fate of Exogenous Materials Placed in the Middle Ear and Frontal Sinus of Cats 216 Di Luzio, N. R., Pisano, J. C., and Salky, N. K. — Humoral Recognition	Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684 Farrior, R. T. — Esthetic Blepharoplasty
Delahunty, J. E., Alonso, W. A., Bridger, G. P., Youngblood, J., and Bordley, J. E. — Cricoid Arch Transplantation — Long Term Follow-Up 1968 Delahunty, J. E., Margulies, S. I., Alonso, W. A., and Knudson, D. H. — The Relationship of Reflux Esophagitis to Pharyngeal Pouch (Zenker's Diverticulum) Formation 570 Desai, P. B., and Potdar, G. G. — Carcinoma of the Lingual Thyroid 427 Dickson, R. — Lymphoma of the Larynx 578 Dickson, R., and Hohmann, A. — The Fate of Exogenous Materials Placed in the Middle Ear and Frontal Sinus of Cats 216 Di Luzio, N. R., Pisano, J. C., and Salky, N. K. — Humoral Recognition Factor Activity and Neoplasia: Clinical and Experimental Considera-	Farrior, J. B., and Endicott, J. N. — Congenital Mixed Deafness: Cerebrospinal Fluid Otorrhea. Ablation of the Aqueduct of the Cochlea 684 Farrior, R. T. — Esthetic Blepharoplasty

Gazda, M., Godlowski, Z., and Withers, B. T. — Ablation of Salivary Glands as Initial Step in the Management of Selected Forms of Diabetes Mcl. litus. Preliminary Report	Gross, C. W., and Harris, A. S. — Relief of Stricture in the Cervical Esophagus by Z-Plasty Technique 65:
Gebhart, D. E., Miglets, A. W., and Gregg, L. O. — Airway Obstruction Due to a Large Laryngeal Granular Cell Myoblastoma	Middle Ear
- Effect of Ultrasonic Hypophysectomy on Diabetic Retinopathy 452	Gussen, R Intramodiolar Acoustic
Glasscock, M. E., III — Unusual Facial Nerve Problems. Some Thoughts on Identifying the Nerve Within the Temporal Bone	Gussen, R. — Ménière's Disease: New Temporal Bone Findings in Two Cases
Godlowski, Z., Gazda, M., and Withers, B. T. — Ablation of Salivary Glands as Initial Step in the Management of Selected Forms of Diabetes Mel-	Harada V. Vurasant C.
Goldenberg, D. B., Wolfe, R. D., and Olson, J. E. — Rehabilitation of the Laryngectomee: The Role of the Dis-	Harada, Y., Kurozumi, S., and Tashiro, T. — Laryngeal Responses to Elec- trical Stimulation of the Medullary Respiratory Centers in the Dog 1960
tai Esophageal Sphincter1971	Harding, R. L., and Herceg, S. J. — General Anesthesia for Rhinoplasty. 140
Goldman, J. L., and Manace, E. D. — Acinic Cell Carcinoma of the Para- nasal Sinuses	Harris, P. F., Hightower, D. R., and Omohundro, J. M. — Current Concepts in the Treatment of Fractures of the Orbit
Goodhill, V., Harris, I., Barton, S., and Gussen, R. — Gelfilm-Induced Neo- tympanic Membrane in Tympano-	Harris, I., Barton, S., Gussen, R., and Goodhill, V. — Gelfilm-Induced Neotympanic Membrane in Tympanoplaty
Goodhill, V. — Sudden Deafness and Round Window Rupture. (President's Address)	Esophagus by Z-Plasty Technique 658
dent's Address.)	Harrison, M. S., and Lavelle, R. J.— Infection of the Maxillary Sinus: The Case for the Middle Meatal Antrostomy. 90
Gorlin, R. J., Anderson, R. C., and Moller, J. H. — The Leopard (Mul- tiple Lentigines) Syndrome Re-	Harrison, D. F. N. — Surgical Anatomy of Maxillary and Ethmoidal Sinuses — A Reappraisal
Graves, T. A., and Tabb, H. G. — Management of Traumatic Facial Nerve Paralysis	Harrison, G. A., and Tonkin, J. P.— The Surgical Management of the Laryngeal Complications of Pro- longed Intubation
Greer, C. H., Thomson, J. R., and Cole, W. — Surgical Microscopy of the Larynx. (Microsurgery of the Lar- ynx, Microlaryngology, Microlaryn	Harvey, J., Tucker, H. M., Sessions, R., and Ogura, J. H. — Long Term Thoracic Duct-Esophageal Shunt: A New Technique
Gregg, L. O., Miglets, A. W., and Gebhart, D. E. — Airway Obstruction Due to a Large Laryngeal Granular	Harvey, J. E., Koyama, T., and Ogura, J. H. — Mechanics of Voice Pro- duction. II. Regulation of Pitch 47 Harvey, J. E., and May M. — Solivano
Cell Myoblastoma 971	Flow: A Prognostic Test for Facial Paralysis.

INDEX.

Harvey, J. E., Ueda, N., Ohyama, M., Mogi, G., and Ogura, J. H. — Sub- glottic Pressure and Induced Live Voices of Dogs with Normal, Rein- nervated, and Paralyzed Larynges. I. On Voice Function of the Dog with Normal Larynx	Hudson, W. R., Mathog, R. H., and Kenan, P. D. — Delayed Massive Hemorrhage Following Tracheos- tomy
Harvey, J. E., May, M., Marovitz, W. F., and Stroud, M. — The Prognostic Accuracy of the Maximal Stimulation Test Compared with That of the Nerve Excitability Test in Bell's	Ishida, M., Hasegawa, S., Sato, T., and Tateishi, R. — Glomus Tumor (Non-chromaffin-Paraganglioma) of the Larynx
Palsy	Iwamoto, H Cancer of the Larynx in Japan 387
Hemenway, W. G., English, G. M., Hildyard, V. H., and Davidson, S. — Autograft and Homograft Incus Transpositions in Chronic Otitis	Jackson, R. T., and Rooker, D. W. — Stimulation and Section of the Vidian Nerve in Relation to Auto- nomic Control of the Nasal Vascu- lature
Media	Jacobson, I., and Maran, A. — Cervical Osteophytes Presenting with Pharyn- geal Symptoms
Herceg, S. J., and Harding, R. L. — General Anesthesia for Rhinoplasty. 140 Hermann, L. K., Smith, C. K., Portelli,	Jadhav, W. R., Sinha, A., Tandon, P. N., Kacker, S. K., and Banerji, A. K. — Cold Caloric Test in Altered
F. R., and Walike, J. W. — Facial Palsy Caused by Facial Nerve Tu- mor	States of Consciousness 391 Jauhiainen, T., Kohonen, A., Liewendah, K., Tarkkanen, J., and Kaimio, M. — Deafness in Experimental
Hicks, J. N. — Cryotherapy for Severe Posterior Nasal Epistaxis. Clinical and Experimental Study 1881 Hicks, J. N. — Technique of Polyto-	Hypo- and Hyperthyroidism 947 Johnsson, L-G.—Degenerative Changes and Anomalies of the Vestibular
mography in Otology	System in Man
cepts in the Treatment of Fractures of the Orbit	K
Hildyard, V. N., English, G. M., Hemenway, W. G., and Davidson, S.—Autograft and Homograft Incus Transpositions in Chronic Otitis Media	Kacker, S. K., Jadhav, W. R., Sinha, A., Tandon, P. N., and Banerji, A. K. — Cold Caloric Test in Altered States of Consciousness 391
Hohmann, A., and Dickson, R. — The Fate of Exogenous Materials Placed in the Middle Ear and Frontal Sinus	Kaimio, M., Kohonen, A., Jauhiainen, T., Liewendahl, K., and Tarkkanen, J. — Deafness in Experimental Hypo- and Hyperthyroidism 947
of Cats	Kaseff, L., Myers, E. N., Newman, J., and Black, F. O. — Glomus Jugu- lare Tumor — A Radiographic-Histo- logic Correlation
Holliday, J. A., Jr. — Light and Electron Microscopy of the Epithelium of the Human True Vocal Cord 1596	Kean, H. — A New Material for Nasal Splints
Honrubia, V., Strelioff, D., and Ward, P. H. — The Mechanism of Excitation of the Hair Cells in the Cochlea. 1719	Kenan, P. D., Mathog, R. H., and Hudson, W. R. — Delayed Massive Hemorrhage Following Tracheos- tomy

Kirchner, J. A., and Som, M. L	L
Clinical Significance of Fixed Vo- cal Cord1029	Lavelle, R. J., and Harrison, M. S. — Infection of the Maxillary Sinus:
Klainer, A., and Lim, D. J. — Cellular Reactions in Acute Otitis Media —	The Case for the Middle Meatal Antrostomy
Scanning and Transmission Electron Microscopy	Lawrence, M. — The Function of the Spiral Capillaries
Knudson. D. H., Delahunty, J. E., Margulies, S., and Alonso, W. A.— The Relationship of Reflux Esoph- agitis to Pharyngeal Pouch (Zenk-	Lee, K., and Schuknecht, H. F. — Results of Tympanoplasty and Mastoidectomy at the Massachusetts Eye and Ear Infirmary
er's Diverticulum) Formation 570 Kohonen, A., Jauhiainen, T., Liewendahl, K., Tarkkanen, J., and Kaimio, M. — Deafness in Experimental	Lekagul, S., and Trible, W. M. — Inverting Papilloma of the Nose and Paranasal Sinuses: Report of 30 Cases
Hypo- and Hyperthyroidism 947 Komatsuzaki, A., Nomura, Y., and	Leonard, J. R., and Young, I. M. — Audiologic Findings in Acoustic
Takemoto, J. — The Mastold Cyst. Report of a Case	Neuroma
Komet, H. — Silastic Implant in Maxillectomy	Hematoporphyrin Fluorescence: An Aid in Diagnosis of Malignant Neoplasms
Konigsmark, B. W., Mengel, M., and Berlin, C. I.—Familial Low Frequen- cy Hearing Loss	Leonard, J. R., and Litton, W. B. — Selection of the Patient for Conser- vation Surgery of the Larynx 232
Kovar, M., Waltner, J. G., and Weissman, B. — Healing of Stapedial	Levitt, G. W. — The Surgical Treatment of Deep Neck Infections 403
Fractures in Humans 962	Levy, R. A., Platt, N., and Aftalion, B. — Encephalocele of the Middle Ear. 126
Koyama, T., Harvey, J. E., and Ogura, J. H. — Mechanics of Voice Pro- duction. II. Regulation of Pitch 47 Kramer, R. J., and Roper, A. L. —	Levy-Pinto, S., Smoler, J., Rivera- Camacho, R., and Vivar-Mejia, G. — Otolaryngologic Manifestations of
Ketamine Anesthesia in Minor Oto- logic Procedures	Histiocytosis X
Kramer, S. A., Yanagisawa, E., and Smith, H. W. — Spontaneous Cere- brospinal Fluid Otorrhea Simulating	nen, T., Tarkkanen, J., and Kaimio, M. — Deafness in Experimental Hypo- and Hyperthyroidism 947
Serous Otitis Media	Lim, D. J., and Klainer, A. — Cellular Reactions in Acute Otitis Media. — Scanning and Transmission Electron Microscopy
Krementz, E. T., and Litwin, M. S.— Treatment of Basal and Squamous Cancers of the Nose and Ear with 5-Fluorouracil Cream	Litton, W. B., and Leonard, J. R. — Selection of the Patient for Conser- vation Surgery of the Larynx 232
Kuhn, F. A., Thalmann, R., and Marovitz, W. F. — A Comparison of Nomarski Differential Interference Contrast and Phase Contrast Micro-	Litwin, M. S., and Krementz, E. T.— Treatment of Basal and Squamous Cancers of the Nose and Ear with 5-Fluorouracil Cream
scopy of the Guinea Pig Organ of Corti	Lyons, G. D., and Cranfield, C. C. — Ketamine Hydrochloride as a Pre-
Kuhn, F. A., Thalmann, R., and Marovitz, W. F. — Nomarski Differential Interference Contrast of the Normal	Anesthetic Agent in Children 813
and Pathologic Guinea Pig Organ of Corti	
Kurozumi, S., Tashiro, T., and Harada, Y. — Laryngeal Responses to Elec- trical Stimulation of the Medullary Respiratory Centers in the Dog 1960	Maddox, H. E. — Progressive Audiometric Changes in Acoustic Neuroma:

Manace, E. D., and Goldman, J. L. — Acinic Cell Carcinoma of the Para- nasal Sinuses	Meyers, R. M., Skolnik, E. M. Campbell, J. M. — Dermoid Cy the Nose.	rsts of
Mann, W. H. — Basal Cell Carcinoma of the External Ear in an 18-Year- Old Male.	Miglets, A. W., Gebhart, D. E Gregg, L. O. — Airway Obstr Due to a Large Laryngeal Gra Cell Myoblastoma.	uction anular
Maran, A., and Jacobson, I. — Cervical Osteophytes Presenting with Pharyn- geal Symptoms.	Miglets, A. W., Jr., Aleo, E., and stein, M. I. — Cinefluoroscopic uation of Asai Function	Eval-
Margulies, S. I., Delahunty, J. E., Alonso, W. A., and Knudson, D. H.— The Relationship of Reflux Esoph- agitis to Pharyngeal Pouch (Zenk- er's Diverticulum) Formation	Miglets, A. W., and Saunders, W. Dural Replacement with Split ness Skin. Long Term Experin	H. — Thick- mental
Marovitz, W. F., Kuhn, F. A., and Thalmann, R.—A Comparison of No- marski Differential Interference Contrast and Phase Contrast Micro-	Mikaelian, D. O., and Barsoumi M. — Hearing Loss in Elem School Children in Lebanon.	entary
scopy of the Guinea Pig Organ of Corti.	Miller, A. H., and Fisher, H. Clues to the Life History of noma in Situ of the Larynx	Carci-
Marovitz, W. F., Kuhn, F. A., and Thal- mann, R. — Nomarski Differential	Miller, H. E. — Cochlear Pote at 11 Atmospheres	
Interference Contrast of the Normal and Pathologic Guinea Pig Organ of Corti	Mills, W. J., Jr., Sessions, D. G., ings, J. O., and Beal, D. D. — bite of the Ear.	Frost-
Marovitz, W. F., and Brownson, R. J. — Scanning Electron Microscopy of Rat Ossicles and Tympanic Bulla	Mogi, G., Ueda, N., Ohyama, M.	, Har- - Sub-
Marovitz, W. F., and Porubsky, E. S. — The Distribution of Phosphatases, Mucopolysaccharides and Calcium in the Otic Capsule and Ossicular Chain	Voices of Dogs with Normal, nervated, and Paralyzed Laryr On Voice Function of the Dog Normal Larynx.	Rein- nges. I. g with
of Fetal and Neonatal Rats	Moller, J. H., Gorlin, R. J., and son, R. C. — The Leopard tiple Lentigines) Syndrom visited.	(Mul- e Re-
tion Test Compared with That of the Nerve Excitability Test in Bell's	Morgenstein, K. M., and Abrams L. — Acute Epiglottitis in Ac	
Palsy	Morgenstein, K. M., and Seung, I Pseudomonas Mastoiditis	
Hudson, W. R. — Delayed Massive Hemorrhage Following Tracheos- tomy.	Morgenstein, K. M., and Seung Vestibular Neuronitis	
Mattucci, K. F., and Giancarlo, H. R. — Effect of Ultrasonic Hypophysec-	Morrow, R. C., and Suarez, G. cosal Changes and Cancer in Oral Smoking.	Intra-
May, M., and Harvey, J. E. — Salivary Flow: A Prognostic Test for Facial Paralysis.	and Black, F. O. — Glomus lare Tumor — A Radiographic	Jugu- e-Histo-
May, M., Harvey, J. E., Marovitz, W. F., and Stroud, M. — The Prognostic Accuracy of the Maximal Stimulation Test Compared with That of the	McCoy, E. G., and Boyle, W. F. innervation of the Facial M Following Extratemporal Nerve Resection	Auscles Facial
Nerve Excitability Test in Bell's Palsy.	McCreary, H. S., and Arenberg — Neurilemmoma of the J Foramen	lugular
Mengel, M., Konigsmark, B. W., and Berlin, C. I.—Familial Low Frequen-	McNelis, F. L., and Esparza, A.	R. —
cy Hearing Loss	Carcinoma in Situ of the Lar	ynx 924

Newell, R. C., and Stevens, K. M. — Cricopharyngeal Myotomy in Dysphagia	Ogura, J. H., and Tucker, H. M. — Vocal Cord Remobilization in the Canine Larynx: An Histologic Eval- uation
Newman, J., Myers, E. N., Kaseff, L., and Black, F. O. — Glomus Jug- ulare Tumor — A Radiographic-His- tologic Correlation	Ohyama, M., Ueda, N., Harvey, J. E., Mogi, G., and Ogura, J. H. — Sub- glottic Pressure and Induced Live Voices of Dogs with Normal, Rein- nervated, and Paralyzed Larynges. I. On Voice Function of the Dog with Normal Larynx
A. — Internuclear Ophthalmoplegia and the Convergence System	Olson, J. E., Wolfe, R. D., and Goldenberg, D. B. — Rehabilitation of the Laryngectomee: The Role of the Distal Esophageal Sphincter
Report of a Case	Omohundro, J. M., Hightower, D. R., and Harris, P. F. — Current Con- cepts in the Treatment of Fractures of the Orbit
mins, G. M., Jr., and Bucy, P. C. — Symptomatic Hyperirritable Carotid Sinus Mechanism. 253	Oropeza, G., and Pickard, R. E. — Tracheotomy in Premature Infants. 418
O'Brien, M. T., and Bikhazi, H. B	P
Periadenitis Aphthae. A Clinical and Pathological Evaluation 430	Pang, L. Q. — The Otological Aspects of Whiplash Injuries
Odoi, H., Proud, G. O., and Toledo, P. S. — Effects of Pterygoid Hamulotomy Upon Eustachian Tube Function1242	Paparella, M. M., Adams, G. L., and El Fiky, F. M. — Primary and Metas- tatic Tumors of the Temporal Bone .1273
Ogura, J. H., Cassisi, N. J., and Biller, H. F. — Changes in Arterial Oxygen Tension and Pulmonary Mechanics with the Use of Posterior Packing in	Parisier, S. C., Abramson, A. L., Za- mansky, M. J., and Sulka, M. — Distant Metastases from Carcinoma of the Larynx
Epistaxis: A Preliminary Report1261 Ogura, J. H., Biller, H. F., and Davis, W. H. — Delayed Contralateral Cervical Metastases with Laryngeal and Laryngopharyngeal Cancers1499	Passy, V., D'Ablaing, G., Turnbull, F. M., Jr., and Von Leden, H. — Cryo- surgery: A Comparison of the Clin- ical and Histological Response of Epinephrine
Ogura, J. H., Harvey, J., Tucker, H. M., and Sessions, R. — Long Term	Pickard, R. E., and Oropeza, G. — Tracheotomy in Premature Infants. 418
Thoracic Duct-Esophageal Shunt: A New Technique	Pisano, J. C., Di Luzio, N. R., and Sal- ky, N. K. — Humoral Recognition Factor Activity and Neoplasia: Clin- ical and Experimental Considera-
J. E. — Mechanics of Voice Production. II. Regulation of Pitch 47	tions 737
Ogura, J. H. — Plastic Surgery Research in Otolaryngology	Platt, N., Levy, R. A., and Aftalion, B. — Encephalocele of the Middle Ear. 126
Ogura, J. H., and Brownson, R. J. — Primary Carcinoma of the Frontal Sinus	Plotkin, R. P., Princer, M. H., and Brownstein, H. S. — Bilateral Bran- chial Cartilages
Ogura, J. H., Ueda, N., Ohyama, M., Harvey, J. E., and Mogi, G. — Sub- glottic Pressure and Induced Live	Polesky, A., Ruben, R. J., and Van De Water, T. — Cell Kinetics of the 11 and 12-Day Mouse Otocysts 1708
Voices of Dogs with Normal, Reinnervated, and Paralyzed Larynges. I. On Voice Function of the Dog with	Pories, W. J., Pullen, F. W., II, and Strain, W. H. — Delayed Healing: The Rationale for Zinc Therapy1638
Normal Larynx	Portelli, F. R., Smith, C. K., Hermann, L. K., and Walike, J. W. — Facial Palsy Caused by Facial Nerve Tu- mor
Ladity IIX	and the second second second second second second second to

Portmann, M., and Aran, J. M. — Electro-Cochleography in Children 899	Ritter, F. — The Histopathology of the Congenital Fixed Malleus Syndrome, 1304
Portmann, M. — The Problem of the Cavity in Tympanoplastic Surgery. 1233	Rivera-Camacho, R., Smoler, J., Vivar- Mejia, G., and Levy-Pinto, S. — Otolaryngologic Manifestations of
Porubsky, E. S., and Marovitz, W. F. — The Distribution of Phosphatases, Mucopolysaccharides and Calcium in	Histiocytosis X
the Otic Capsule and Ossicular Chain of Fetal and Neonatal Rats 273	Epiglottis in the Adult
Potdar, G. G., and Desai, P. B. — Carcinoma of the Lingual Thyroid 427	Rolander, T. L., Everts, E. C., and Shumrick, D. A. — Carcinoma of the Tonsil: A Planned Combined Ther- apy Approach
Pou, J. W. — Congenital Anomalies of the Middle Ear: Presentation of Two Cases	Rooker, D. W., and Jackson, R. T. — Stimulation and Section of the
Princer, M. H., Plotkin, R. P., and Brownstein, H. S. — Bilateral Bran- chial Cartilages	Vidian Nerve in Relation to Autonomic Control of the Nasal Vasculature
Proud, G. O., Odoi, H., and Toledo, P. S. — Effects of Pterygoid Hamulotomy	Roper, A. L., and Kramer, R. J. — Ketamine Anesthesia in Minor Oto- logic Procedures
Upon Eustachian Tube Function 1242 Pulec, J. L., and Cottrell, R. E. — Modified Radical and Radical Mastoidec-	Rosen, H. V., and Rosen, S. — High Frequency Studies in School Chil- dren in Nine Countries
tomy: Long-Term Results 193	Rosen, S., and Rosen, H. V. — High Frequency Studies in School Chil-
Pullen, F. W., II, Pories, W. J., and Strain, W. H. — Delayed Healing:	dren in Nine Countries1007
The Rationale for Zinc Therapy1638	Rosomoff, H. L. — The Subtemporal Transtentorial Approach to the Cere- bellopontine Angle
Rabuzzi, D., and Shin, T Conduc-	Ross, D. E. — Chondrosarcoma of the Larynx Invading the Thyroid Gland. 379
tion Studies of the Canine Recurrent Laryngeal Nerve	Ross, D. E., and Sukis, A. E. — Salivary Gland Tumors in Ectopic Sites. 558
Rabuzzi, D. D., and Reed, G. F. — Intrathoracic Complications Following Tracheotomy in Children	Ruben, R. J., Van De Water, T., and Polesky, A. — Cell Kinetics of the 11 and 12-Day Mouse Otocysts 1708
Ravitch, M. M., and Weeks, R. S. — The Pathology of Experimental Injury to the Cat Esophagus by Liquid Chlorine Bleach	Rubin, W., and Vandemoer, N. — Nystagmus Arousal During the Latent Period of Caloric Nystagmus 524
Reed, G. F., and Rabuzzi, D. D. — Intrathoracic Complications Following Tracheotomy in Children	Salky, N. K., Di Luzio, N. R., and
Rees, T. D. — An Aid to the Treatment of Supratip Swelling After Rhinoplasty	Pisano, J. C.—Humoral Recognition Factor Activity and Neoplasia: Clinical and Experimental Considera- tions
Reger, S. N Békésy Audiometry: Threshold Recruitment and Rhythm Factors	Sato, T., Ishida, M., Hasegawa, S., and Tateishi, R. — Glomus Tumor (Non- chromaffin-Paraganglioma) of the
Richardson, G. M., and Assor, D. — Thyroid Tissue Within the Larynx. Case Report	Larynx. 957 Saunders, W. H., and Miglets, A. W. —
Rider, W. D., and Bryce, D. P. — Pre-Operative Irradiation in the	Dural Replacement with Split Thickness Skin. Long Term Experimental and Clinical Results
Treatment of Advanced Laryngeal Carcinoma	Schuknecht, H. F., and Lee, K. — Results of Tympanoplasty and Mastoid-
Rider, W. D. — Radiosensitivity — What Is It?1045	ectomy at the Massachusetts Eye and Ear Infirmary

Seda, H. J., Suga, F., and Snow, J. B., Jr. — Ultrasonic Irradiation of the Inner Ear	Smoler, J., Rivera-Camacho, R., Vivar- Mejia, G., and Levy-Pinto, S. — Otolaryngologic Manifestations of Histiocytosis X
Sessions, D. G., Stallings, J. O., Mills, W. J., Jr., and Beal, D. D. — Frostbite of the Ear	Smyth, G. D. L., and Dowe, A. C. — Cartilage Canalplasty 786
Sessions, R. B., Alford, B. R., and Weber, S. C. — Indications for Sur- gical Decompression of the Facial	Snow, J. B., Jr., Seda, H. J., and Suga, F. — Ultrasonic Irradiation of the Inner Ear
Nerve	Sofferman, R. A., Smith, R. O., and English, G. M. — Albers-Schönberg's Disease (Osteopetrosis). A Case with Osteomyelitis of the Maxilla
Thoracic Duct-Esophageal Shunt: A New Technique	Som, M. L., and Kirchner, J. A. — Clinical Significance of Fixed Vo-
Seung, H. I., and Morgenstein, K. M. — Pseudomonas Mastoiditis 200	Sones, D. A., and Cody, D. T. R. —
Seung, H. I., and Morgenstein, K. M. — Vestibular Neuronitis	Relapsing Polychondritis: Audioves- tibular Manifestations
Shilling, B. B. — Hypopharyngotomy. 1119	Speiden, L. M., Tucker, G. F., Jr., and Alonso, W. A. — Comparative Application of Revised (1971 "T") Class
Shin, T., and Rabuzzi, D. — Conduction Studies of the Canine Recurrent Laryngeal Nerve	plication of Revised (1971 "T") Classification, Pathological Findings, and Five-Year End Results in Surgically Treated Cancer of the Larynx. 1512
Shumrick, D. A., Rolander, T. L., and Everts, E. C. — Carcinoma of the Tonsil: A Planned Combined Ther-	Spooner, T. R. — An Evaluation of Silastic® Tracheostomy Tubes 1132
apy Approach	Stallings, J. O., Sessions, D. G., Mills, W. J., Jr., and Beal, D. D. — Frostbite of the Ear
The Effect of Diuretics on Cochlear Potentials and Inner Ear Fluids 873	Stefani, S., and Eells, R. W Carci-
Singleton, G. T. — Cervical Sympa- thetic Chain Block in Sudden Deaf- ness	noma of the Hypopharynx — A Study of Distant Metastases Treat- ment, Failures, and Multiple Pri- mary Cancers in 215 Male Patients. 1491
Sinha, A., Jadhav, W. R., Tandon, P. N., Kacker, S. K., and Banerji, A. K. — Cold Caloric Test in Altered	Stevens, K. M., and Newell, R. C. — Cricopharyngeal Myotomy in Dys- phagia
States of Consciousness	Strahan, R. W., and Calcaterra, T. C. — Otolaryngologic Aspects of Mycosis Fungoides. A Case Report 1912
Meyers, R. M. — Dermoid Cysts of the Nose	Strahan, R. W., Calcaterra, T. C., and Ward, P. H. — Thyroiditis. A Clas-
Smith, C. K., Portelli, F. R., Hermann, L. K., and Walike, J. W. — Facial Palsy Caused by Facial Nerve Tu-	sification and Review
mor	Pories, W. J. — Delayed Healing: The Rationale for Zinc Therapy 1638
Smith, H. W., Kramer, S. A., and Yanagisawa, E. — Spontaneous Cere- brospinal Fluid Otorrhea Simulating Serous Otitis Media	Strelioff, D., Honrubia, V., and Ward, P. H. — The Mechanism of Excitation of the Hair Cells in the Cochlea, 1719
Smith, M. P. — Dysfunction of Carbo- hydrate Metabolism as an Element in the Set of Factors Resulting in	Strome, M. — Cryosurgery: The Effect on the Canine Endolaryngeal Struc- tures
the Polysaccharide Nose and Nasal Polyps. (The Polysaccharide Nose.) 636	Strong, M. S., and Vaughan, C. W. — Vocal Cord Nodules and Polyps —
Smith, R. O., Sofferman, R. A., and English, G. M. — Albers-Schönberg's Disease (Osteopetrosis). A Case with Osteomyelitis of the Maxilla 36	The Role of Surgical Treatment 911 Stroud, M. H., Gay, A., and Newman, N. — Internuclear Ophthalmoplegia and the Convergence System

Stroud, M., May, M., Harvey, J. E., and Marovitz, W. F. — The Prognostic	Thalmann, R. — Metabolic Features of Auditory and Vestibular Systems 1245
Accuracy of the Maximal Stimula- tion Test Compared with That of the Nerve Excitability Test in Bell's Palsy	Thalmann, R., Kuhn, F. A., and Marovitz, W. F. — A Comparison of Nomarski Differential Interference Contrast and Property of the Change Pig Organ of
Suarez, G., and Morrow, R. C. — Mu- cosal Changes and Cancer in Intra- Oral Smoking	scopy of the Guinea Pig Organ of Corti
Suga, F., Seda, H. J., and Snow, J. B., Jr. — Ultrasonic Irradiation of the Inner Ear	Thalmann, R., Kuhn, F. A., and Marovitz, W. F. — Nomarski Differential Interference Contrast of the Normal and Pathologic Guinea Pig Organ of Corti
Sukis, A. E., and Ross, D. E. — Salivary Gland Tumors in Ectopic Sites. 558	Thomson, J. R., Greer, C. H., and Cole, W. — Surgical Microscopy of the
Sulka, M., Abramson, A. L., Parisier, S. C., and Zamansky, M. J. — Distant Metastases from Carcinoma of the Larynx	Larynx. (Microsurgery of the Lar- ynx, Microlaryngology, Microlaryn- goscopy.) (Endolaryngeal Microsur- gery.)
T	Tiwari, R. M. — Lymphosarcoma of Lacrimal Gland
Tabb, H. G., and Barranco, S. J. — Cancer of the Maxillary Sinus. An Analysis of 108 Cases 818	Toledo, P. S., Odoi, H., and Proud, G. O. — Effects of Pterygoid Hamulotomy Upon Eustachian Tube Function1242
Tabb, H. G., and Graves, T. A. — Management of Traumatic Facial Nerve Paralysis	Tonkin, J. P. — Microsurgery of the Larynx. Instrumentation Techniques. 750
Taggart, J. P. — Laryngeal Reinnerva- tion by Phrenic Nerve Implantation in Dogs	Tonkin, J. P., and Harrison, G. A. — The Surgical Management of the Laryngeal Complications of Pro- longed Intubation
Takemoto, K., Nomura, Y., Komatsuzaki, A. — The Mastoid Cyst. Report of a Case	Toso, G. — Epithelial Papillomas — Benign or Malignant? Interesting Findings in Laryngeal Papilloma. 1524
Tandon, P. N., Jadhav, W. R., Sinha, A., Kacker, S. K., and Banerji, A. K. — Cold Caloric Test in Altered States of Consciousness	Trible, W. M., and Lekagul S. — Inverting Papilloma of the Nose and Paranasal Sinuses: Report of 30 Cases
Tardy, M. E., Jr., and Tenta, L. T. — Parathyroid Identification with To- luidine Blue	Tucker, G. F., Jr., Alonso, W. A., and Speiden, L. M. — Comparative Ap- plication of Revised (1971 "T") Clas-
Tarkkanen, J., Kohonen, A., Jauhiain- en, T., Liewendahl, K., and Kaimio, M. — Deafness in Experimental	sification, Pathological Findings, and Five-Year End Results in Surgi- cally Treated Cancer of the Larynx. 1512
Hypo- and Hyperthyroidism 947 Tashiro, T., Kurozumi, S., and Harada, Y. — Laryngeal Responses to Electrical Stimulation of the Medullary	Tucker, H. M., Harvey, J., Sessions, R., and Ogura, J. H. — Long Term Thoracic Duct-Esophageal Shunt: A New Technique
Respiratory Centers in the Dog 1960 Tateishi, R., Ishida, M., Hasegawa, S.,	Tucker, H. M., and Ogura, J. H. — Vocal Cord Remobilization in the
and Sato, T. — Glomus Tumor (Non- chromaffin-Paraganglioma) of the	Canine Larynx: An Histologic Evaluation
Tenta, L. T., and Tardy, M. E., Jr. —	Laryngoscope 784
Parathyroid Identification with To- luidine Blue	Turnbull, F. M., Jr., Passy, V., D'Abla- ing, G., and Von Leden, H. — Cryo- surgery: A Comparison of the Clin-
Thal, B. — Improving a Poorly Designed Instrument	ical and Histological Response of Epinephrine

U	Weeks, R. S., and Ravitch, M. M	
Ueda, N., Ohyama, M., Harvey, J. E., Mogi, G., and Ogura, J. H. — Sub- glottic Pressure and Induced Live	The Pathology of Experimental Injury to the Cat Esophagus by Liquid Chlorine Bleach	
Voices of Dogs with Normal, Rein- nervated, and Paralyzed Larynges. I. On Voice Function of the Dog with	Weissman, B., Waltner, J. G., and Kovar, M. — Healing of Stapedial Fractures in Humans	
Vernatsu, S., Alonso, W. A., Black, P., and Connor, G. H.—Transoral Trans- palatal Approach for Resection of	Wexler, M. R. — Nasal Septum: Experimental and Clinical Correlation of Surgery or Injury	
Clival Chordoma	Whitaker, C. W. — Intracranial Com- plications of Ear, Nose and Throat Infections	
Vandemoer, N., and Rubin, W. — Nys- tagmus Arousal During the Latent Period of Caloric Nystagmus 524	Wilson, W. H. — Acute Suppurative Otitis Media. A Method for Termi- nating Recurrent Episodes	
Van De Water, T., Ruben, R. J., and Polesky, A. — Cell Kinetics of the 11 and 12-Day Mouse Otocysts 1708	Withers, B. T., Godlowski, Z., and Gazda, M. — Ablation of Salivary Glands as Initial Step in the Manage-	
Vaughan, C. W., and Strong, M. S. — Vocal Cord Nodules and Polyps —	ment of Selected Forms of Diabetes Mellitus. Preliminary Report	
The Role of Surgical Treatment 911 Vivar-Mejia, G., Smoler, J., Rivera- Camacho, R., and Levy-Pinto, S. — Otolaryngologic Manifestations of Histocytosis X	berg, D. B. — Rehabilitation of the Laryngectomee: The Role of the Dis- tal Esophageal Sphincter	
Von Leden, H., Passy, V., D'Ablaing, G., and Turnbull, F. M., Jr. — Cryosurgery: A Comparison of the Clinical and Histological Response of Epinephrine	Y Yanagisawa, E., Kramer, S. A., and Smith, H. W. — Spontaneous Cere- brospinal Fluid Otorrhea Simulating Serous Otitis Media	
W	Yonan, T. N., Changus, G. W., and Bartolome, J. S. — Extramammary Paget's Disease of the Tongue 1621	
Walike, J. W., Smith, C. K., Portelli, F. R., and Hermann, L. K. — Facial Palsy Caused by Facial Nerve Tumor	Young, I. M., and Leonard, J. R. — Audiologic Findings in Acoustic Neuroma,	
Waltner, J. G., Weissman, B., and Kovar, M. — Healing of Stapedial Fractures in Humans	Youngblood, J., Alonso, W. A., Bridger, G. P., Delahunty, J. E., and Bord- ley, J. E. — Cricoid Arch Transplan- tation — Long Term Follow-Up 1968	
Ward, P. H., Honrubia, V., and Streli- off, D. — The Mechanism of Excita- tion of the Hair Cells in the Cochlea. 1719	Yules, R. B., and Silverstein, H. — The Effect of Diuretics on Cochlear	
Ward, P. H., Strahan, R. W., and Calcaterra, T. C. — Thyroiditis. A Classification and Review	Potentials and Inner Ear Fluids 873 Z	
Weber, S. C., Alford, B. R., and Sessions, R. B. — Indications for Surgical Decompression of the Facial Nerve	Zamansky, M. J., Abramson, A. L., Parisier, S. C., and Sulka, M. — Distant Metastases from Carcinoma of the Larynx	

